

BADESCU, Alexandru; CHIOSA, L.; DOBRE, V.; HAULICA, I.; SCARLETE, T.

Pharmacological properties of an osime, the chloride of phenacyl-
oxime by ridinium. Note 1: Cardiovascular action. Studii cerc.
fiziol. 4 no.3:321-334 '59. (EBAI 9:5)
(OXIMES) (PHENACYLPYRIDINIUM CHLORIDE)
(CARDIOVASCULAR SYSTEM)

HAULICA, I.; POPA, A.; HAULICA, Ana; BADESCU, Alexandru; OZUN, R.

Metabolic and functional aspects of the liberation of catecholamines
by reserpine. Studii cerc.fiziol. 4 no.3:409-420 '59. (EEAI 9:5)
(ADENOSINE TRIPHOSPHATES) (RESERPINE)

BADESCU, A., ing.

Communications regarding autotransformers and high-tension and
high-power transformers. Electrotehnica 12 no.4:154-156 Ap '64.

STEIN, M., ing.; BADESCU, C., ing.; GALINESCU, C., architect

Considerations on the main diagrams and arrangement of
electric installations in industrial electric stations.
Energetica num 12 no.12:604-610 D '64.

BADESCU, Dante, ing.

Cement stabilized ballasts used as base layers in modern road systems. Rev transport 9 no. 11:461-466 N '62.

TEODORESCU, Alexandru, ing.; BADESCU, Hunte, ing.

Use of weak limestone in constructing road foundation
by rs. Rev transport ll no.7:297-301 .1 '64.

RUMANIA

BADESCU, E.

PRISLOPEANU,- continued

Rumania

MD

Member of the staff of the Unified Hospital for Adults No 1,
Ploiesti

Bucharest, Viata Medicala, No 1, Jan 63, pp 27-32.

"A Case of Acute Abdominal Porphyria."

BADESCU, E.

RUMANIA

Rumania

MD

Bucharest, Viata Medicala, No 1, Jan 63, pp 61-64.

"Trypsin and Chemotrypsin in Therapy."

Co-author:

→ POPESCU, E., MD.

BADESCU, G.

"Construction of lattice work with fewer foundation plates formed from willow beds. p. 542. (REVISTA PADURILOR, Vol. 69, no. 12, Dec. 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC.
Vol. 4, No. 5, May 1955, Uncl.

PADESCU, G.

Torrential destruction in water-power basins in Rumania. p. 1.

TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor)

Bucuresti. Vol. 3, No. 33, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

BADESCU, G.

Impressions from the visit of Czechoslovak silviculturists in the Rumanian People's Republic. p. 115.

(REVISTA PADURILOR. Vol. 71, no. 2. Feb. 1957. Rumania)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

Page 78

Badescu, Gh; Stefanescu, S.

Silviculture in the Danube River delta. p. 217.

HIDROBIOLOGII. (Academia Republicii Populare Romine. Comisie de Hidrologie, hidrobiologie si Ichitologie) Bucuresti, Rumania. Vol. 1, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

BADESCU, I.
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No. 9, Sep 1961, pp 529-539.

Data: "Preparations with Undecylenic Acid and Its Derivatives."

Authors:

POPESCU, C., -Prof.-

BRAILEANU, G., -Farm. Dr.-

RODOVICI, N., -Pharmacist.-

STANESCU, V., *Pharmacist.-

BADESCU, I., -Pharmacist.-

NICULESCU, V., -Dr.-

WOLKONSKY, A., -Dr.-

DONCIU, Elena, -Dr.-

GPO 981643

ANDRONESCU, A.; BADESCU, I.; DUMA, N.

Contributions to the ["]knowledge of the Ilba Handal deposit;
study of processes relating to vein mineralizing and weathering
of rocks. Rev min 13 no.9:393-404 S '62.

ALEXANDRESCU, M.M.; RADULESCU, Fl.; BADESCU, M.

The importance of serum mucoprotein determinations in tumoral conditions of the female genital apparatus. Rumanian M Rev. no.3:80-83 J1-S '60.

1. This work was carried out in the Clinic of Obstetrics and Gynaecology of the "Coltea" Hospital, Bucharest (Head of the Clinic: Assist. Prof. N.N.Gheorghiu.

(GENITALIA, FEMALE neoplasms) (MUCOPROTEINS blood)
(BLOOD PROTEINS chemistry)

BFRLESCU Elena; BADESCU, Maria; GEORGESCU, Gh.; TOMA, E.

Value of the Hamoleky test for the dynamic follow-up of thyroid functional changes caused by sulfurous balne therapy at the Herculane spa. Stud. cercet. endocr. 15 no. 4 333-339 '64.

VLADIMIRESCU, I.; BADESCU, R.

Translation waves with line losses by infiltration; movement
of the wave front and flow variation. Studii cerc mec apl
14 no.4:793-803 '63.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102930008-8

SECRET

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102930008-8"

the partial vols. of the tanks are V and V_0 ($0 < \alpha < 1$).

Equations are derived for each case.

Sister St. John Nepomucene

BADESCU, R.

BADESCU, R.

About some functional equations in the L^2 complex Hilbert space. p. 273.
(STUDII SI CERCETARI MATEMATICE. Rumania. Vol. 7, no. 3/4, July/Dec. 1956)

30: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

BADESCU, R.

"A problem frequently occurring in extractive industry."

p. 491 (Buletin Stiintific. Sectia De Stiinte Matematice Si Fizice)
Vol. 9, no. 2, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

Radu Badescu

Badescu, Radu

"Asupra Unei Ecuatii Functionale", by Radu Badescu. (presented at the 11 April 1952 session to Academician C. Popovici).
COMUNICARILE ACADEMIEI R. P. R., Tomul II, nr. 5-6, 1952.

BADSCU, RADU

2

Bădescu, Radu. Sur une équation fonctionnelle. Com. Acad. R. P. Române 2 (1952), 319-324. (Romanian. Russian and French summaries)

1 - F/W

In the integral equation $\Phi(z) - \mu \int_a^b K(s) \Phi(z+s) ds = \psi(z)$, if $\psi(z) = \sum_{n=1}^{\infty} \psi_n e^{-\lambda_n z}$ with $\lambda_n \rightarrow \infty$ monotonically, then a formal expression for $\Phi(z)$ is

$$\sum_{n=1}^{\infty} \psi_n e^{-\lambda_n z} (1 - \mu \int_a^b K(s) e^{-\lambda_n s} ds)^{-1}.$$

M⁶

Assuming that the representation for $\psi(z)$ is uniformly convergent in a certain half-plane, the expression for $\Phi(z)$ defines a solution analytic in μ in the vicinity of the origin. Means for obtaining analytic continuations of $\Phi(z)$ as a function of μ beyond the successive characteristic values $\mu_n = [\int_a^b K(s) e^{-\lambda_n s} ds]^{-1}$ are discussed and it is indicated that the three fundamental theorems of Fredholm on integral equations hold. T. H. Hildebrandt.

Small
LH

Badescu, Radu.

Badescu, Radu.

"Asupra Unei Ecuatii Functionale", by Radu Badescu. (presented at the 23 April 1954 session of the Institute of Mathematics given to Miron Nicolescu). BULETIN STIINTIFIC, Sectiunea De Stiinte Matematice Si Fizice, Tomul VI, nr. 4, 1954.

Bădescu, Radu

Bădescu, Radu. Sur une équation fonctionnelle. Acad. Repub. Pop. Romîne. Bul. Şti. Sect. Şti. Mat. Fiz. 6 (1954), 789-795. (Romanian. Russian and French summaries)

1 - F/W

With respect to the integral equation of the paper reviewed above, viz. $\Phi(z) - \mu \int_a^b K(s)\Phi(z+s)ds = \psi(z)$, C. Popovici [same Bul. 4 (1952), 527-531; MR 15, 630] showed that for $\psi(z)=0$, the equation possesses solutions of the form $e^{-\lambda z}$ for a continuum of values of μ . The author points out that these solutions are not holomorphic in μ at $\mu=0$. There is also included a uniqueness proof for the special class of solutions considered, excepting the values of μ for which $1 - \mu \int_a^b K(s)e^{-\lambda s}ds = 0$. T. H. Hildebrandt.

HS

①

S/044/62/000/012/020/049
A060/A000

AUTHORS: Bădescu, Radu, Dumitrescu, Eugeniu

TITLE: On an integro-differential equation

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1962, 63 - 64, abstract
12B281 (An. ştiinţ. Univ. Iaşi, 1960, sec. 1, v. 6, no. 3, supl.,
617 - 622; Rumanian; summaries in Russian, French)

TEXT: The Volterra integral equation

$$\int_0^x K(t) \Phi(t) dt = F(x), \quad 0 \leq x \leq b, \quad a \in (0, b) \quad (1) \quad \checkmark$$

is considered with nucleus

$$K(t) = \sum_{m=0}^n \frac{k_m}{(t-a)^{m+1}}, \quad k_n \neq 0, \quad (2)$$

and the integral is to be understood as its principal value in the sense of Hadamard (RZhMat, 1955, 2711; RZhMat, 1958, 253). In the presence of certain as-

Card 1/2

On an integro-differential equation

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A060/A000

sumptions as to $F(x)$ it is demonstrated that equation (1) has a solution continuous on $[0, b]$ together with its derivatives up to the n -th order inclusively. Formulae are obtained, representing this solution on the half-segments $[0, a]$ and $(a, b]$, respectively. Abstracter's note: Fredholm integral equations with nucleus (2) have been investigated by Sh. Platrier (J. Math., 1913, ser. 6, v. 9, fasc. 3). ✓

G.S. Litvinchuk

[Abstracter's note: Complete translation]

Card 2/2

BADESCU, Radu; DUMITRESCU, Eugeniu; SAULESCU, Constantin

On a differential equation of the n^{th} order. Bul Inst Politeh
25 no.5:29-43 S-O '63.

1. Department of Mathematics, Bucharest Polytechnic Institute.

NICULESCU, I.T.; PARASCHIV, Hagi, A.; MNACHESCU, Aurelia; BADESCU,
Ruxandra; RAILEANU, Ioanna.

Study of the nerve endings of the liver and bile ducts. Bul. stiint.
sect. med. 7 no.2:609-620 Apr-June 55

(LIVER, innervation
nerve endings, in exper. animals, histol.)
(GALLBLADDER, innervation
nerve endings, in exper. animals, histol.)
(BILE DUCTS, innervation
nerve endings in exper. animals, histol.)

RUMANIA/Human and Animal Morphology (Normal and Pathological)
Nervous System

S

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31227

Author : Niculescu Ion T, Hagi-Paraschiv A., Enachescu Aurelia,
Badoscu Ruxanda, Reilornu Ioana.

Inst : Not Given

Title : Concerning the Nerve Endings of the Digestive Apparatus: the
Stomach and the Duodenum.

Orig Pub : Bul. stiint. Soc. med., 1956, 8, No 1, 101-150

Abstract : The stomach and intestine of dogs, cats, rabbits, rats and
mice were stained with methylene blue; also used were im-
pregnation with silver, Nissle body stain in different cytol-
ogical methods. In the Auerbach system, the networks possess
ganglia which lie under the serous membrane. Especially
numerous are ganglia in the musculature of Oddi's sphincter.
The ganglia are rich in blood vessels. Ganglionic cells of
the Meissner plexus are smaller; they possess thinner synaptic
apparatuses. In the muscle layer, at different pH values, the

Card : 1/2

RUMANIA/Human and Animal Morphology (Normal and Pathological)
Nervous System

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31227

dyes can reveal two types of nerve endings - efferents and
afferents. Endings are found in the epithelium of the villi,
of the Lieberkuhn crypt, and in Brunner's glands. The nerve
fibers are observed in the lymphoid follicles and in the fatty
tissue.

Card : 2/2

POTOP, P.; BADESCU, V., chim.; ZARCUZON, A.; LEONTE, E.

Obtaining potassium salts from soluble salt deposits. Pt.2.
Rev chimie Min petr 14 no.10:565-573 0'63.

1. Lucrarile au fost executate in laboratorul de tehnologie
anorganica din Institutul de Cercetari Chimice al Ministerului
Industriei Petrolului si Chimiei.

BADUSCU, Vasile, ing.

From the scientific activities. Rev mdr 15 no. 10:511-513 0 '64.

BADERYAN, M. I.

27
Chrome-tanning extracts. M. I. Baderyan, U.S.S.R.
106538, July 25, 1957. A chrome tan liquor is obtained
by reduction of $K_2Cr_2O_7$ with SO_2 . To obtain an ext. with
a basicity >34%, the reduction is carried out at 450-500°.
To facilitate shipping, the reduction product is evapd. in
vacuo to a sp.gr. 1.7-1.8 and then dried at 80-90°, e.g.
on a drum drier. M. Hosh.

BADRYEU, I., nastavnik

The parents' example. Rab. i sial. 31 no. 10:21 0'55. (MLBA 8:12)

1. Magileuskaya voblasts', Slaugaradski rayen, v Shalamy.
(Children--Management)

604500, 44.5.
BADEYEV, Yu.S.; FONYAKOV, I.A.

Use of a hydraulic cyclone in the layout for additional comminution
of middlings. TSvet.met. 28 no.6:5-7 N-D '59. (MIRA 10:11)

1. Mekhanobr.

(Ore dressing)

(Separators (Machines))

BADEYEV, N., kapitan 2 ranga

At the cell of the heart. Voen. znan. 39 no.2:32 F '63.
(MIRA 16:3)

(Butakov, Grigorii Aleksandrovich)

BADEYEV, Yu. S., referent

Treatment of lead-zinc ores in heavy suspension at the ~~Mežica~~
Plant (from "Erzmetall", no. 9, 1956). Obog. rud 2 no. 2:69 '57.
(MIRA 11:7)

(Yugoslavia--Ore dressing)
(Nonferrous metals)

BADEYEV, Yu.S.

Correction to a previously published article entitled "Economics
of ore treatment in heavy suspensions as a preliminary ore dressing
process." Obog. rud 6 no.1:64 '61. (MIRA 14:8)
(Ore dressing)

BADEYEV, Yu.S.

Economics of treatment in heavy suspensions as a preliminary ore
dressing process. Obog.rud 5 no.2:17-23 '60. (MIRA 14:8)
(Ore dressing—Costs)

BADEYEV, Yu.S.

Relationship between the rheological properties of suspensions and
the nature of the movement of spherical bodies in them. Obog. rud
6 no.4:33-39 '61. (MIRA 15:1)
(Ore dressing)

BADFYEV, Yu.S.

Limiting the sliming of heavy minerals in the grinding cycle is
an important potential in increasing metal production. TSvet.met.
38 no.3:8-13 Mr '65. (MIRA 18:6)

BADEYEVA, I. I.

This is a copy of the
original of the

J. S. Jones

BADEYEV, T. I.

BADEYEVA, T. I.

1290 Determination of heavy metals by means of
hydroxamate acids

water until the washings give no reaction for the
hydroxamate and then distilled water.

BADEYEVA, T. I.

USSR :

Control of manufacture of hydrogenated fat. L. M. Kul'berg, T. I. Badeeva, L. A. Molot, and N. S. Pimkina (State Univ., Saratov). *Masloboino-Zhirovaya Prom.* 20, No. 1, 19-23 (1955).—Photometric detn. of Ni (in hydrogenated fat): 2 g. of sample dissolved in 10-15 ml. of a suitable solvent in a separatory funnel is shaken for 5 min. with 10 ml. of HCl (1:3) at 70-80° and sepd., and the aq. layer is filtered. A 2-ml. aliquot in a 10-ml. graduated test tube is treated with 3 drops satd. Rochelle salt soln., 3 ml. of 10% NaOH soln., and 2 ml. of 1% dimethylglyoxime in 5% NaOH soln. The mixt. is made up to 10 ml. vol. with 3% (NH₄)₂S₂O₈ soln., thoroughly shaken, and after 5-7 min. the color intensity of the soln. is measured with photometer at 470 mμ. This colorimetric method is simplified by use of a series of standards contg. 3-15 γ of Ni and 0.02 ml. of each 0.5M Co(NO₃)₂ and 0.1N K₂CrO₄ made up to 10 ml. vol. with distd. water. Both methods agree, within exptl. error, with the known gravimetric method. Determination of Ni in the presence of Fe and Cu: A procedure for Ni-Fe-Cu hydrogenation catalyst is based on titration of Fe with KMnO₄, detn. of Cu iodometrically, and detn. of Ni by titration with Ni dimethylglyoxime soln. Titer of technical hydrogenated fat: Approx. 6 g. of hydrogenated fat in a 100-ml. Erlenmeyer flask is sapond. with 5 ml. of EtOH and 5 ml. of NaOH soln. (sp. gr. 1.32), dissolved in 8 ml. of warm EtOH, and the fatty acids are set free by addn. of 8 ml. 25% H₂SO₄. The acids are sepd., washed with hot water until washing is neutral, partially dried at 105°, filtered into a test tube, and fully dried at 105°. The titer is then detd. by the use of Dewar's app. following the standard procedure. Vladimir N. Krukovsky.

BADEYEVA, T. I

USSR/ Chemistry - Analytical chemistry

Card 1/1 Pub. 116 - 20/30

Authors : Mustafin, I. S.; Badeyeva, T. I.; and Kul'berg, L. M.

Title : The value of steric factors during the utilization of organic compounds in the role of analytical reagents

Periodical : Ukr. khim. zhur. 21/3, 381-383, June 1955

Abstract : Scientific explanation is given on the role and value of steric factors during analytical reactions of organic substances with different components. A study of numerous substances, which appeared to be necessary for the solution of certain analytical problems, showed that steric hindrances during reactions have a definite and also serious effect on the sensitivity and consequently also on the analytical value of the reagent. It is pointed out that steric factors must always be taken into consideration during the synthesis of organic reagents. Nine references: 7 USSR and 2 German (1913-1953).

Institution : The N. G. Chernishevskiy State Univ., Faculty of Anal. Chem., Saratov

Submitted : October 1, 1954

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some cases in the para position. The effect of CH₃ on the sensitivity of org. reagents

APPROVED FOR RELEASE: 06/06/2000

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BADEYEVA T.I.

✓ 1949 Gravimetric determination of fluorides
Badeva (N. Chernyshevskii) Sverdlov State 6-11

Badeyeva, I. I.

Category: USSR/Analytical Chemistry - General Questions.

G-1

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30925

Author : Kul'berg L.M., Ryazanov I. P., Badeyeva T. I.

Inst : Saratov University

Title : Phthalylhydroxylamine as a Reagent in Qualitative Analysis.

Orig Pub: Uch. zap. Saratovsk. un-t, 1956, 43, 127-130

Abstract: Description of color reactions for the qualitative detection of Ag^+ and Ba^{2+} ions by means of phthalylhydroxylamine. Detection of Ag^+ ions is not interfered with by Au, Pt, Pd, and that of Ba^{2+} ions -- by other alkaline earth metals. Composition of the precipitate formed with Ag corresponds to the formula $\text{C}_8\text{H}_4\text{O}_3\text{NAg}$.

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-11-

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BADEYEVA, T.I., MUSTAFIN, I.S., PETIKOVA, K.G.

Mercurimetric determination of chlorides in food products.
[with summary in English]. Vop.pit. 17 no.4:69-72 Je-Ag'58
(MIRA 11:7)

1. Iz kafedry analiticheskoy khimii (zav. I.S. Mustafin)
Saratovskogo gosudarstvennogo universiteta.

(FOOD;

chlorides, mercurimetric (Rus))

(CHLORIDES, determination

in food, mercurimetric techniq (Rus))

1. BADGANOV, A.I.
2. USSR (600)
4. Agriculture *Science*
7. Practical studies in plant systematics. Posobie dlia studentov uchitel'skikh in-tov. Moskva, Uchpedgiz, 1952

9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

L 2826-66 EWT(1) LJP(c)

ACCESSION NR: AP5016171

UR/0051/65/018/006/0990/0998
535.373.2

AUTHOR: Badgasar'yan, Kh. S.; Muler, A. L.

TITLE: Quantitative verification of the theory of resonant energy transport. Account of Brownian motion

SOURCE: Optika i spektroskopiya, v. 18, no. 6, 1965, 990-998

TOPIC TAGS: excitation energy, luminescence, quantum resonance phenomenon, transport property, Brownian motion

ABSTRACT: The problem of resonant transfer of the energy of electronic excitation from one molecule to another, which plays an important role in many phenomena involving luminescence, photochemistry, and radiation chemistry, is solved with account taken of the Brownian motion of the molecules. It is shown that if Brownian motion can be neglected, then T. Forster's theory (Z. Naturforsch. v. 4a, 321, 1949) is confirmed regardless of whether the donor is the solute or the solvent. If Brownian motion cannot be neglected, then the energy transport is much more effective than would follow from Forster's theory, again regardless of whether the donor is a solute or a solvent. The results also indicate that when the mobility of the medium changes, the Brownian motion increases the energy transport to a considerably greater degree than called for by Forster's theory. The theoretical conclu-

Card 1/2

L 2826-66

ACCESSION NR: AP5016171

sions are compared with experiment for some organic dyes, but the experimental data are too scanty for any conclusions to be drawn. Orig. art. has: 2 figures, 21 formula, and 3 tables.

ASSOCIATION: none

SUBMITTED: 09Mar64

ENCL: 00

SUB CODE: OP

NR REF SOV: 006

OTHER: 005

BVK
Card 2/2

BADGEY D.

[illegible]

13401, 54.01

ARABADZHYAN, A.Z., kand.ekon.nauk; BADI, Sh.M., kand.ekon.nauk; BAROYAN, O.V., doktor med.nauk; BASHKIROV, A.V., kand.ekon.nauk; BUSHEV, P.P., kand. ist.nauk; GLUKHODED, V.S.; DOROFYEVA, L.N., kand.filol.nauk; DOROSHENKO, Ye.A., kand.ist.nauk; ZAVISTOVICH, A.A.; IVANOVA, M.N., kand. ist.nauk; IVANOV, M.S., doktor ist.nauk; IL'INSKIY, G.N., kand.ist. nauk; KISLYAKOV, N.A., doktor ist.nauk; KOMISSAROV, D.S., kand.filol. nauk; KURDOYEV, K.K., kand.filol.nauk; MOISEYEV, P.P., kand.ekon. nauk; PAKHALINA, T.N., kand.filol.nauk; PETROV, M.P., doktor geogra- ficheskikh nauk, prof.; PETROV, G.M., kand.ist.nauk; SOKOLOVA, V.S., doktor filol.nauk; TRUBETSKOY, V.V.; FARKHADIYAN, A.I., kand.ist. nauk; SHOYTOV, A.M., kand.filol.nauk; ZAKHODER, B.N., doktor istori- cheskikh nauk, prof., otvetstvennyy red.; AKHRAMOVICH, R.T., kand. ist.nauk, red.; FALINA, A.I., kand.ist.nauk, red.; KUZNETSOVA, N.A., red. izd-va; SHVEYKOVSKAYA, V.R., red. izd-va; PRUSAKOVA, T.A., tekhn. red.

[Present-day Iran; a manual] Sovremenniy Iran; spravochnik. Moskva, 1957. 715 p. (MIRA 11:2)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Iran)

BADI, Shamsadin Mamedovich; UL'YANOVSKIY, R.A., otv.red.; BOGUSHEVICH,
O.V., red.izd-va; TSVETKOVA, S.V., tekhn.red.

[Agrarian relations in present-day Iran] Agrarnye otnosheniia
v sovremennom Irane. Moskva, Izd-vo vostochnoi lit-ry, 1959.
133 p. (MIRA 12:2)

(Iran--Agriculture)

BADIAN. L.
POLAND/Electricity - Dielectrics

G-2

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12099

Author : Jellonek, A., Badian. L.

Inst : Wroclaw Polytechnic Institute, Poland.

Title : Effect of Fringing Field on the Measurement of ϵ and $\tan \delta$ of Insulating Materials.

Orig Pub : Prace Przemysl. Inst. telekomun., 1953, 4, No 10, 9-21

Abstract : An analysis is made of the effect of the field at the edges of a capacitor plate on the measurements of ϵ and $\tan \delta$ of insulators. It is shown that disregarding the effect of the dispersion of the electric field at the edges of the electrode may lead to serious errors in the measurements of ϵ and $\tan \delta$. The existing method of experimentally allowing for the edge capacitance, for example, with the aid of an annular capacitor, are not

Card 1/3

POLAND/Electricity - Dielectrics

G-2

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 12099

dimensions chosen in accordance with the dimensions of the tested specimen. In conclusion, deductions are drawn concerning the most suitable choice of type and form of electrode for the measurement of the values of ϵ and $\tan \delta$.

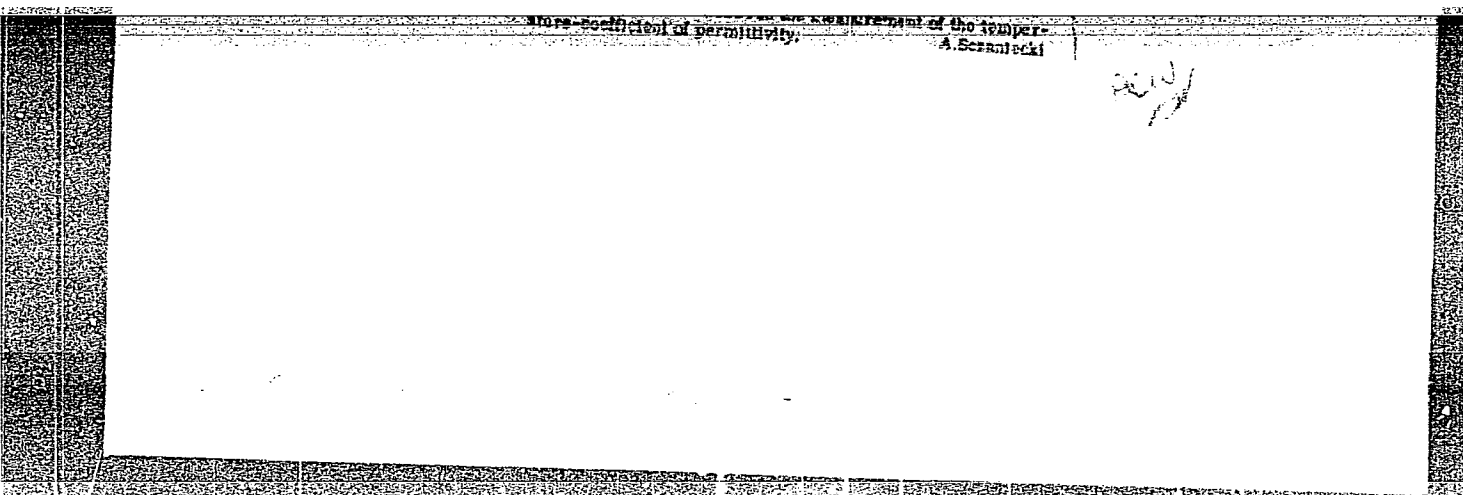
Card 3/3

BADIAN L.

1971 THE PROBLEM OF AUTOMATIC TERMINATION
OF TERMS

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87-0111-12
3900. CERAMIC DIELECTRICS IN HIGH FREQUENCY
TECHNOLOGY. L. Badlan.

Przegląd elektrotechniczny. 1978. No. 12. S. 101-104. 4 s. Bibliogr.

12/12/78 awf

BADIAN, LUDIVIK
POLAND/Electricity - Dielectrics

G-2

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12088

Author : Badian, Ludivik

Inst : -

Title : The Problem of Inhomogeneous Dielectrics.

Orig Pub : Przegl. telekomun., 1956, 29, No 9, 273-279

Abstract : The author considers the significance of inhomogeneous dielectrics in modern technology, in connection with the program of work of the Commercial Institute of Telecommunication (Warsaw). A brief summary of literature data available on the theoretical calculation of dielectric constants and the tangent of the loss angle is given for certain types of inhomogeneous dielectrics.

Card 1/1

BADIAN, L.; RABIEJ, Z.

Differential bridges for the study of properties of dielectrics in strong electric fields. p. 61.
(Technika Lotnicza, Vol. 7, No. 20, 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug. 1957. Uncl.

P/507/61/011/052/005/006
D271/D303

9.1310

AUTHOR: Badian, L.

TITLE: Microwave protection oculars and the technique of
their attenuation measurement

SOURCE: Warsaw. Przemysłowy Instytut Telekomunikacji. Prace.
v. 11, no. 32/33, 1961, 81 - 91

TEXT: The author presents results of an investigation into the possibility of producing microwave oculars by chemical silver coating, and analyzes in detail methods for measuring the attenuation introduced by the oculars. Only direct measurements of the attenuation were used in all investigations, the attenuation of a plate being determined as the ratio of microwave power obtained in a receiver, with and without the plate interposed between the source and the receiver. Systematic errors are caused by diffraction at the edge of the sample and by multiple reflections in the space between antennas and the sample. Diffraction errors can be eliminated by using a diaphragm limiting reception to the wave passing through the sample. In analyzing multiple reflections, free space between

Card 1/4

4

Microwave protection oculars and ...

P/507/61/011/032/005/006
D271/D303

the transmitting antenna and the sample and between the sample and the receiving antenna is regarded as sectors of a microwave line, loss-less as only phase relations are of interest. The wave received in the matched receiver is

$$G = \frac{A t_x t_d}{1 - \rho_x r_d e^{-j_2 \beta l_2}} e^{-j \beta l_2} \quad (4)$$

where A is the wave incident on the sample, t_x and t_d are transmission coefficients of the sample and of the receiver, ρ_x and r_d are reflection factors, l_2 is the distance between the sample and the antenna of the receiving system. As l_2 is varied, G passes through a minimum and a maximum; the transmission coefficient t_d can be calculated from

$$\frac{G_{\max} + G_{\min}}{2} = \frac{A t_x t_d}{1 - (\rho_x r_d)^2} \neq A t_x t_d \quad (7)$$

Card 2/4

Microwave protection oculars and ...

P/507/61/011/032/005/006
D271/D303

Practical measurements have shown clear deviations of the measured characteristic $G = f(l_2)$ from the theoretical curve; they may be caused by changes of the incident level as the antenna position is varied. When antennas are left immobilized and the sample is moved,

$$G \approx \frac{N t_d t_x e^{-j\beta(l_1 + 3l_2)}}{-\rho_g(r_x + Q)e^{-j2\beta(l_1 + l_2)} + e^{-j2\beta l_1} - \rho_x r_d e^{-j4\beta l_2}} \quad (12)$$

where N is the wave transmitted by the generator in conditions of perfect matching, and Q is the increase of the reflection coefficient r_x due to the reflected wave. The conclusion drawn from the analysis of the measuring circuit is that reflection factors must be made as low as possible and the sample should have no influence on their values; this can be achieved by the use of a large metallic diaphragm covered with absorbing material. Free space measurements are tedious at lower frequencies and a slotted line was used for measurements in the 10 cm band. The investigation has shown no

Card 3/4

Microwave protection oculars and ...

P/507/61/011/032/005/006
D271/D303

clear correlation between the surface resistance of the metallized glass plate and the attenuation; this is attributed to the fact that surface resistance is not a characteristic of the metallic film. The attenuation improves when the film is covered by another non-metallized glass plate. An attenuation of not less than 20 dB can be obtained with a passable transparency. Professor Dr. M. Suski is thanked for valuable advice regarding the design of microwave oculars. There are 9 figures, 2 tables and 7 references: 1 Soviet-bloc and 6 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: IRE Transactions on Medical Electronics, PGME - 4, February 1956; W.E. Egan, Eye Protection in radar fields, Electrical Eng., v. 76, no. 2, 1957, p.126-127; E.I. Hawthorne, Electromagnetic shielding with transparent coated glass. PIRE, v. 42, no. 3, 1954, p. 548-553; C.G. Montgomery, Principles of Microwave Circuits, Ser. MIT, v. VIII, New York 1948.

SUBMITTED: July 17, 1959

h1967
S/194/62/000/009/088/100
D413/D308

6.4310

AUTHOR: Badian, L.

TITLE: Broadband dielectric absorbers - Parts 1 & 2

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 9, 1962, abstract 9-7-163 b. (Prace Przemysł. inst.
telekomun., v. 11, no. 34, 1961, 9-27 (Pol.; summaries
in Rus., Eng. and Fr.))

TEXT: An analysis is given of the prospects for obtaining broad-
band microwave absorbers. The first part of the paper is devoted
to theoretical questions on the synthesis of heterogeneous dielec-
trics with given electric and magnetic parameters. It is shown
that microwave absorbers can only be made in the form of aggrega-
tes of semiconducting flakes. The possibilities are analyzed of
achieving a medium with increased magnetic permeability in the mi-
crowave band. In the second part of the paper results are quoted
from experimental work on techniques for measuring the properties
of broadband microwave absorbers, and on the technology of their

Card 1/2

Broadband dielectric absorbers ...

S/194/62/000/009/088/100
D413/D508

manufacture. Fibrous absorber mats have been made with reflection
coefficient $< 2\%$ at wavelengths below 11 cm. / Abstracter's note:
Complete translation. /

Card 2/2

LADIAN, Ludwik

Microwave measurements of dielectric and magnetic characteristics
of thin films. Zesz probl nauki Pol 25:241-242 1963.

1. Industrial Institute of Telecommunication, Wrocław.

BADIAN, L.; KAVKA, W.; LACZYNSKI, J.

Measurements of diodes with varying capacitance.

Przem inst telekom prace 13 no.39:21-38 '63.

BADIAN, Ludwik

Artificial dielectrics of epoxy resins. Przegl elektrotechn 39 no.8:
281-283 Ag '63.

1. Przemyslowy Instytut Telekomunikacji, Warszawa.

BADIAN, L.

Studies on an equivalent alternating circuit of a varactor diode.
Przem inst telekom prace 13 no.42/43:37-43 '63.

BADIAN, L.

Microwave properties of varactor diodes. Przem inst
telekom prace 14 no. 44:17-30 '64.

Influence of temperature on the properties of varactor
diodes. Ibid.:31-38.

BADZIAN, L.

An equivalent system of the varactor diode. Pul Ac Pol tech 12 no.5:
359-362 '64.

Microwave properties of the p-n junction. Ibid.:363-369

1. Industrial Institute of Telecommunication, Warsaw. Presented
by A. Smolinski.

BADIAN, Ludwik: BEDNARSKI, Zolgniew

Microwave measurements of the reflection coefficient and electric resistance of thin metallic layers. Zesz probl nauki Pol 25:243-244 '63.

1. Industrial Institute of Telecommunication, Wroclaw.

BADIC, ELENA

ROMANIA/Chemical Technology. Chemical Products and Their Application. Industrial Organic Synthesis.

H-15

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15405.

Author : Spiliadis A., Bretcanu D., Badic Elena

Inst :

Title : Contribution to the Synthesis of 1-Hydroxy-Naphthalene-3,6,8-Trisulfonic Acid and Method of Analysis for the Control of Diazotization Process of 1-Amino-Naphthalene-3,6,8-Trisulfonic Acid.

Orig Pub: Rev. chim., 1957, 8, No 4, 291-295.

Abstract: A study was made of the process of diazotization of 1-amino-naphthalene-3,6,8-trisulfonic acid (I) in the synthesis of 1-hydroxy-naphthalene-3,6,8-trisulfonic acid (II): of the effect of H_2SO_4 concentration, duration and temperature of heating, content of NaCl in I. The following optimal conditions were determined: stirring at $10-15^\circ$ after addition

Card : 1/2

SPILIADIS, A.; BADIC, Elena; NEAGOE, R.

Preparation of 6-methoxy-2-aminobenzothiazole. Rev chimie
Min petr 16 no.2:89-93 F '65.

L 31447-66 EWP(j)/T RM

ACC NR: AP6023176

SOURCE CODE: RU/0003/65/016/002/0089/0093

AUTHOR: Spiliadis, A.; Badic, Elena; Neagoe, R.

ORG: none

TITLE: Preparation of 6-methoxy-2-aminobenzothiazole

SOURCE: Revista de chimie, v. 16, no. 2, 1965. 89-93

TOPIC TAGS: polyacrylonitrile, synthetic fiber, thiocyanate, acetic acid, chemical synthesis

ABSTRACT: The authors discuss the preparation of this compound, used in the synthesis of cationic dyes for polyacrylonitrile fibers, by means of the treatment of 4-anisidine with (SCN)₂ obtained in the reaction mass of cupric thiocyanate. The optimal adjustment of various parameters (temperature, reaction time, ratio of acetic acid to anisidine, etc.) allows obtention of 98 percent conversion and 88 percent yield with maximal purity of the finished product. Orig. art. has: 6 figures and 2 tables.

[JPRS]

SUB CODE: 11, 07 / SUBM DATE: none / SOV REF: 005 / OTH REF: 014

Card 1/1

SANIELEVICI, H.; SPILIADIS, A.; BADIC, E.; CALIN, C.; ROSENBERG, S.

Dyestuffs for synthetic fibers. Pt.1. Rev chimie Min petr
13 no.7:411-420 J1 '62.

SPILIADIS, A; BADIC, E.; CORNEA, V.; HILSEN RATH, M.;
BRETCAN, D.; NEAGOE, R.

Dyestuffs for synthetic fibers. Pt. 2. Rev chimie Mir
petr 15 no. 1: 23-28 Ja '64.

BADIC, E.

5

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Ref Zhur - Khimiya

RUMANIA/Chemical Technology - Chemical Products and Their
Application - Fermentation Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9575

Author : Badica Mircea

Inst : -

Title : Use of Refrigeration in Viniculture.

Orig Pub : Rev. ind. aliment. prod. vegetale, 1957, No 4, 26-27

Abstract : Description of the technique of wine stabilization by
cooling. A diagram of a wine-cooling unit is shown.

Card 1/1

Country : Rumania E-2
 Category= : Analytical Chemistry - Analysis of
 Inorganic Substances
 Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959 19090
 Author : Popea, F.; Badiceanu, L.
 Institut. :
 Title : Direct Colorimetric Determination of Trace-
 Amounts of Silver in Soil in the Presence of
 Other Cathions.
 Orig. Pub. : Rev. Chim., 1958, 9, No 6, 323-324

Abstract : It was found that on interaction of Ag^+ with diphenylthiocarbazone (I) in acid medium, there is formed a precipitate which, after dissolution in CCl_4 , is suitable for colorimetric determination of trace-amounts of Ag. The interfering elements (Fe, Cu, Zn, Pb) are masked by addition of Complexon III (II) at pH 4-5. It was ascertained that the best procedure for extracting Ag from the soil is fusion with $KHSO_4$. In determination of Ag, 1 g of the soil being analyzed is fused with 8 g $KHSO_4$, after cooling the melt is dissolved in water, boiled 10-15 minutes, and the solution with the sediment is diluted with water to a definite volume.

Card: 1/3

E-14

Country : Rumania
 Category= : Analytical Chemistry - Analysis of
 Inorganic Substances
 Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959
 Author :
 Institut. :
 Title :

E-2

19090

Orig. Pub. :

Abstract : 1 hour in the dark, and the coloration of the
 resulting solution is compared with those of standard so-
 lutions of Ag_2SO_4 containing 1-6 μ Ag and prepared under
 analogous conditions from soil extract after separation of
 Ag. Cl^- ions interfere with the determination.-- B. Manole.

Card: 3/3

E-15

BADICEL, T., MD

RUMANIA

PESCARU, Al., MD; BUDAI, Silvia, MD; BADICEL, T., MD; BICLEANU, O., MD.

Bucharest, Igiena, No 6, Nov-Dec 63, pp 651-564 (sic)

"Medical Examination of Workers at Time of Hiring."

GYORI, Elek; BADICS, Lanzo; LASZAK, Mihaly

Letters to the editor. Mezogazd techn 1 no.11:19 '61.

1. Termeloszovetkezeti Beruhazasi Iroda technikusa,
Debrecen (for Gyori).
2. Gepeszkepzo Iskola traktorosa,
Papa (for Badics).
3. Gepallomas, Kisujszallas (for Laszak).

LELEK, Istvan, dr.; BADICS, Margit, dr.

Hemorrhagic skin necrosis during Syncumar therapy. Orv. hetil.
106 no.47:2242-2243 21 N '65.

1. Komárom megyei Kórház, II. Szakorvosi Rendelőintézet, Tatabánya,
Kápuvári Járasi Kórház, Szülészeti Osztály.

BADIDA, J. (Kosics, Pasteurovo namesti 15)

Associative operations on some group classes. Acta r nat
Univ Com 7 no.11:609-621 '63.

BADIDA, J. (Kosice, Pasteurovo námestí 15)

On associative operations in a class of sets. Acta r nat Univ
Com 9 no.11:71-74 '64.

TOFOVIC, P.; RUSKOV, P.; BADIEV, B.

Surgery of peripheral nerve diseases. God. zborn. med. fak.
Skopje 11:91-98 '64.

1. Hirurska klinika medicinskog fakulteta, Skopje (upravitelj:
prof. d-r. B. Dragojevic).

TOFOVIC, Petar; DRAGOJEVIC, Bogosav; ANASTASOV, Mitrus; BADIEV, Blagoja

Fracture of the base of the skull. God.Zborn,Med,Fak.Skopje
no.10:154-164 '63.

1. Hirurska klinika medicinskog fakulteta, Skopje (Upravitelj
Prof. Dr. B. Dragojevic).

1. BADIGIN, I.

2. USSR (600)

4. Maritime Law

7. First Russian maritime statute. Mor.flot 12, no. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

551.506.5(98)

Meteorological Abst.
Vol. 5 No. 1
Jan. 1954
Part 2
Bibliography on General
Oceanographic Meteorology

5A-79

551.506.5(98)

Badigin, Konstantin Sergeevich, Na Korabli "Georgii Sedov" cherez Ledovityi Okean. [On the "Georgii Sedov" through the Arctic Ocean.] Moscow, Izdat. Glavsevmorputi, 1940. 606 p. figs., illus., maps (fold.). DLC--First 545 pages of this book give a popular description of the drifting expedition (Oct. 1937-Jan. 1940) with scattered scientific information. The preliminary scientific results are summarized by Zubov and Badigin on the last 60 pages, giving hydrographic data (depths, temperature sections) as well as meteorological data for temperature, pressure (with maps of seasonal and annual distribution for 1937-39) precipitation (annual total 74 mm), severity of weather, auroras, ice thickness, wind direction and speeds, ice-drift (mean angle of deviation from wind direction was 24°) and steady currents. Detailed discussion devoted to the relation between the ice-drift and the mean monthly isobars. (For further information, see abstract No. 903, *Arctic Bibliography*, 1953.) *Subject Headings:* 1. "Sedov" Drifting Expedition, 1937-1940 2. Arctic expeditions 3. Ice drift 4. Arctic Ocean. 1. Zubov, N. N.--A. A.

BADIGIN, K. S.

"Three Winters Amidst the Ice in the Arctic," 1950

Book consists of notes by a captain of an ice-breaker on a 27-month cruise in the North Arctic Ocean

D 208060, 11 Apr 55